

# **Texas Division of Emergency Management Texas State Operations Center**



## **Situation Awareness Brief**



**Wednesday, May 4th, 2022  
As of 0900 CST**

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
05/03/22	Update Report #3 of the Smoke Stack Lightning Fire	Stonewall County	N
05/04/22	Preliminary Earthquake Report (M3.0)– Reeves County	Reeves County	Y
05/04/22	Update Report #4 of the Smoke Stack Lightning Fire	Stonewall County	N

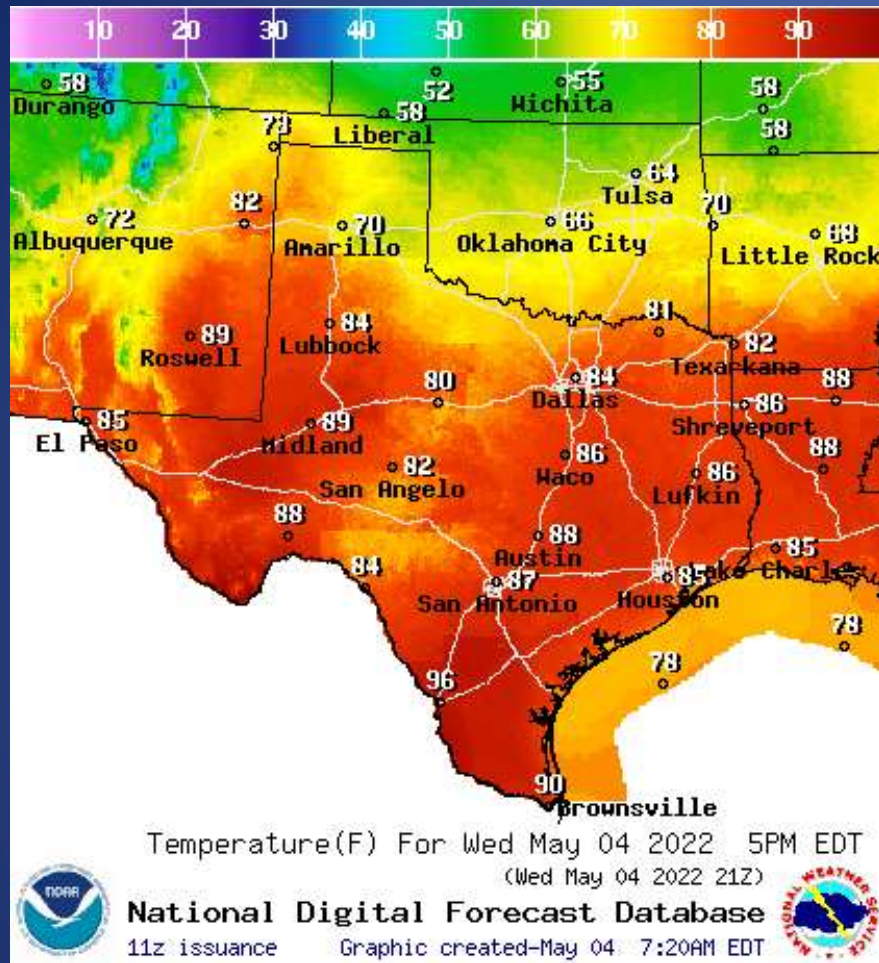
# Informational Products

## Distributed by the State Operations Center

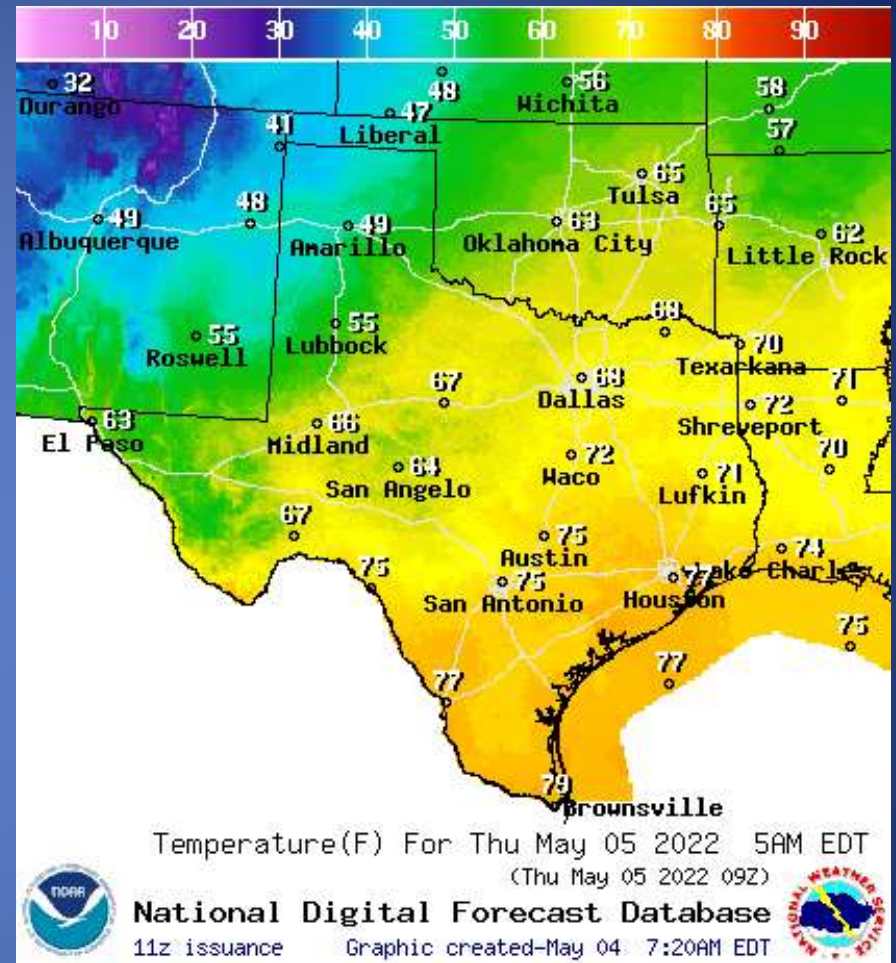
DATE	SUBJECT
05/03/22	NWS Fort Worth: Severe Weather Threat Wednesday and Thursday
05/03/22	NWS Amarillo: Weather Briefing for Wednesday
05/03/22	NWS Austin/San Antonio: Severe T-storms Possible Through Thursday
05/03/22	NWS Lake Charles LA: Weather on Thursday
05/03/22	NWS Amarillo: Update Weather Briefing for Wednesday
05/03/22	NWS Houston/Galveston: Storms Thursday with a Hot Weekend
05/04/22	NWS Austin/San Antonio Situation Report: Severe T-storms Possible Today and Thursday; Hot Temperatures This Weekend
05/04/22	Daily NWS Threat Brief for Wednesday, May 4, 2022 for FEMA Region 6
05/04/22	Severe T-storms Possible Late Tonight Through Thursday Across the Region
05/04/22	NWS Norman : Severe Weather Webinar TODAY at 11am



# Weather Forecast

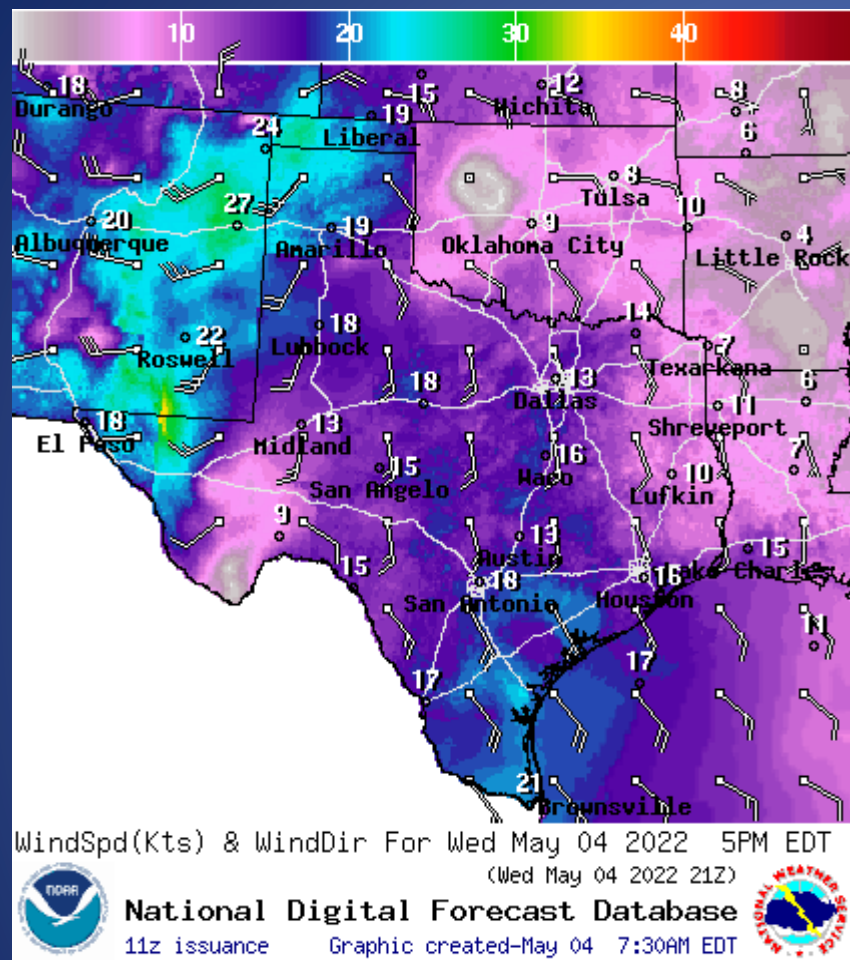


## Highs

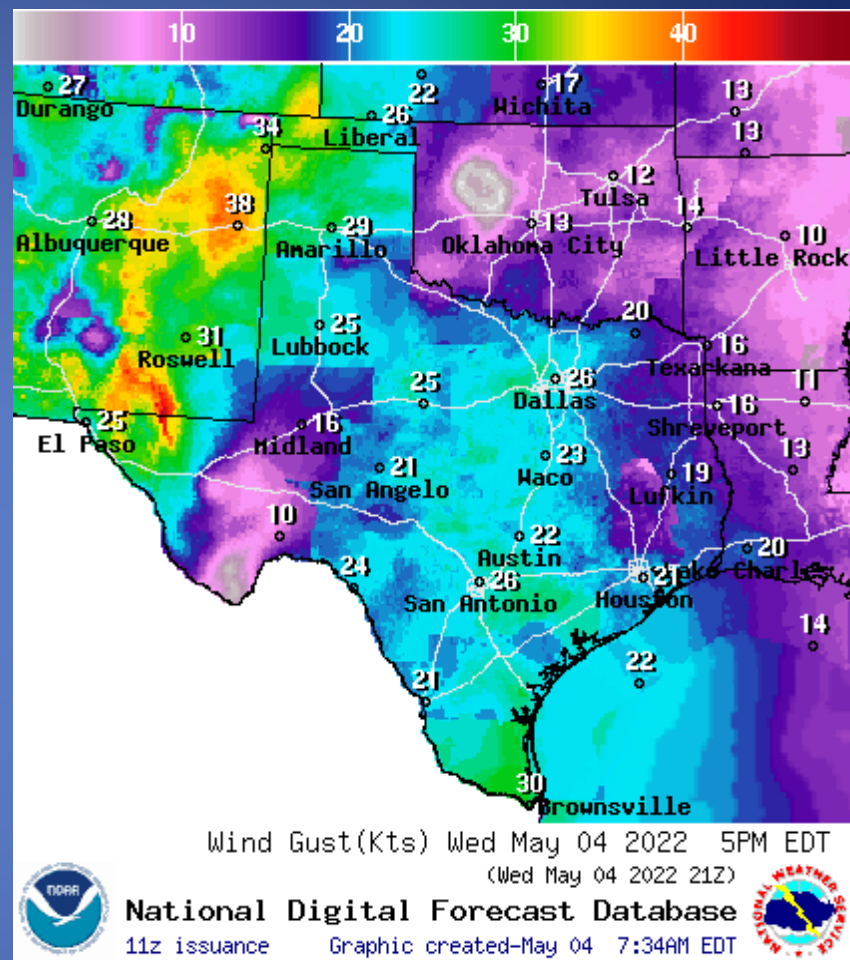


## Lows

# Weather Forecast



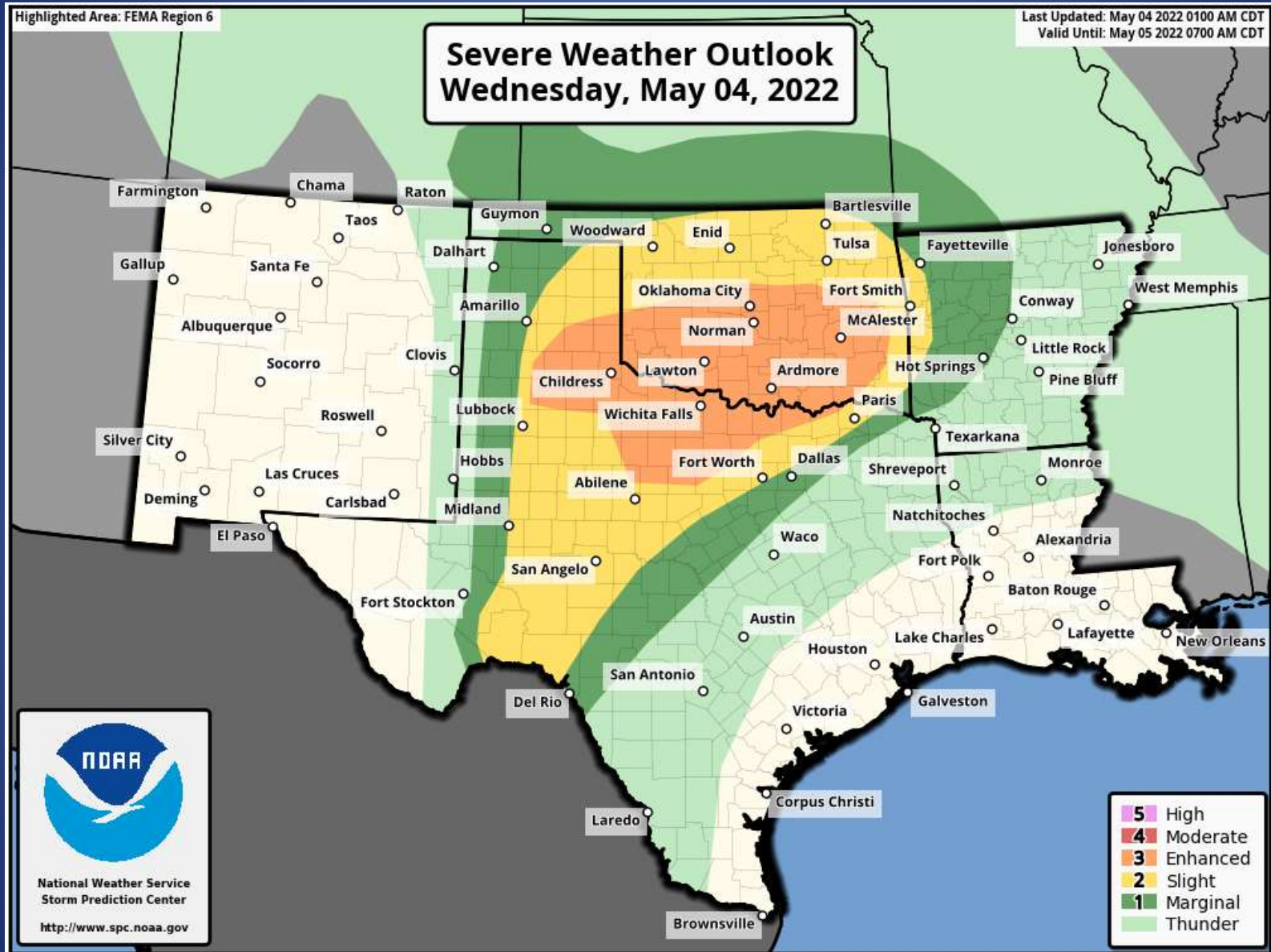
## Wind Speeds



## Gusts

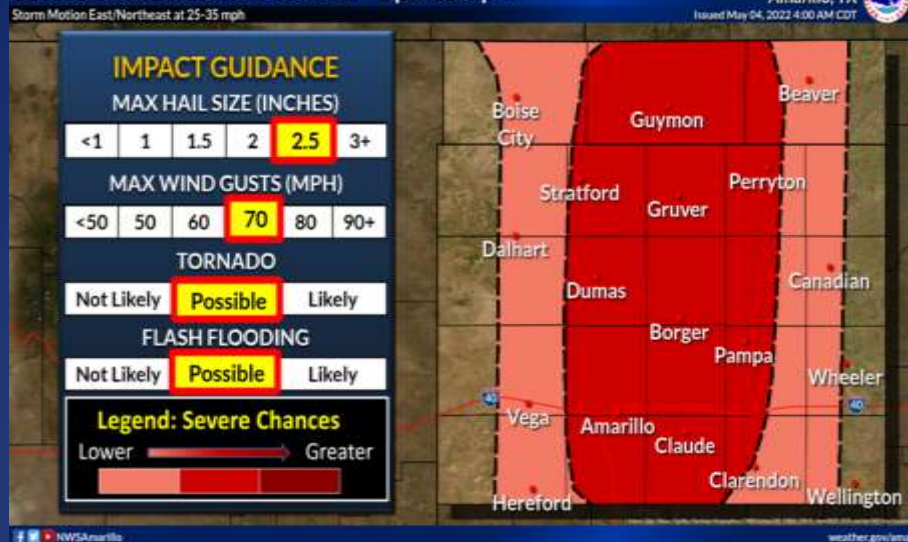


# Hazardous Weather



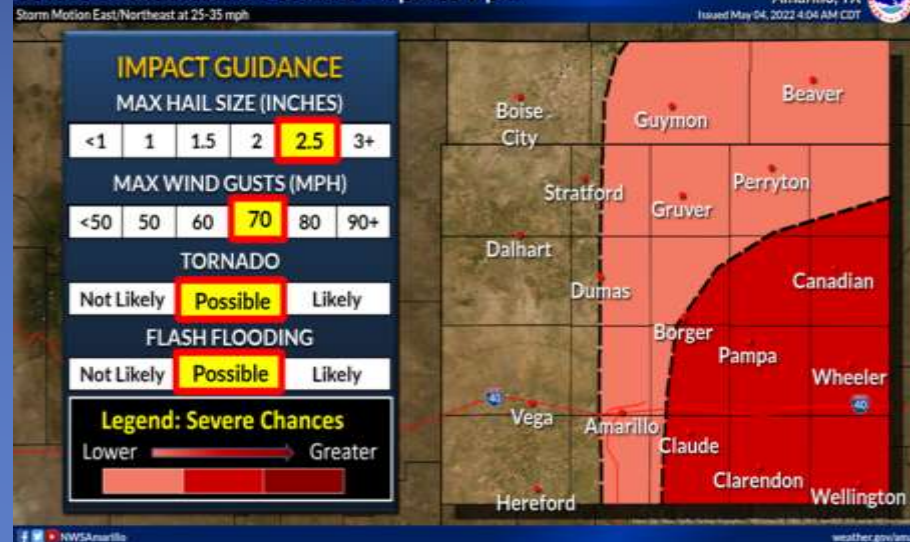
# Hazardous Weather

## Severe Thunderstorm Potential - 1 pm to 4 pm



Severe weather is expected to start this afternoon across central portions of the Panhandles.

## Severe Thunderstorm Potential - 4 pm to 7 pm



Severe thunderstorms that initiate across central portions of the Panhandles will continue to push east through the afternoon and early evening hours.




# Hazardous Weather

## Severe Thunderstorm Potential - 7 pm to 10 pm

Storm Motion East/Northeast at 25-35 mph

Weather Forecast Office  
Amarillo, TX  
Issued May 04, 2022 4:06 AM CDT

IMPACT GUIDANCE						
MAX HAIL SIZE (INCHES)						
<1	1	1.5	2	2.5	3+	
MAX WIND GUSTS (MPH)						
<50	50	60	70	80	90+	
TORNADO						
Not Likely	Possible		Likely			
FLASH FLOODING						
Not Likely	Possible		Likely			
Legend: Severe Chances						
Lower						Greater



NWSAmarillo

weather.gov/ama

Severe thunderstorms will be favored across the eastern and southeastern TX Panhandle in the early evening hours.

## Wednesday Severe Thunderstorm Potential

Timing: Through Early Thursday

Weather Forecast Office  
Norman, OK  
Issued May 04, 2022 7:35 AM CDT

Tornado Potential	
High	
Medium	
Low	
Very Low	
Maximum Hail Size	
Up to Softball	
Up to Baseball	
Up to Golf Ball	
Up to Quarter	
Maximum Wind Speed	
80+ mph	
60 - 80 mph	
Up to 60 mph	



NWSNorman

weather.gov/norman

Severe storms will be possible through early Thursday. Hail will be the primary concern this morning. All severe weather hazards will then be possible the rest of the time.



# Hazardous Weather

## Wednesday Tornado Potential

Timing: 3 PM to Midnight

Weather Forecast Office  
Norman, OK  
Issued May 04, 2022 7:41 AM CDT



NWSNorman

weather.gov/norman

Severe thunderstorms will be favored across the eastern and southeastern TX Panhandle in the early evening hours.

## Flood Potential - Through Thursday

Dangerous flash flooding possible

Weather Forecast Office  
Norman, OK  
Issued May 04, 2022 7:54 AM CDT



NWSNorman

weather.gov/norman

Heavy rain could lead to flooding through Thursday. A Flood Watch is in effect.

# Hazardous Weather

## Severe Weather Potential Late Today and Thursday

Far NW & Red River into tonight, then across the entire area Thursday

**Today:** Scattered storms develop across the north and west by mid afternoon. Severe storms possible with large hail & damaging winds. Isolated tornadoes possible closer to the warm front.

**Tonight:** A couple of storm clusters ahead, then with a cold front across mainly North TX. Severe storms are possible. Damaging winds & large hail are the main threats.

**Thursday:** Cold front moves through with higher storm chances spreading southeast east with the front. Severe weather with damaging winds & large hail is likely. A tornado is possible with any discrete storms across East TX.

### Tonight



NWSFortWorth



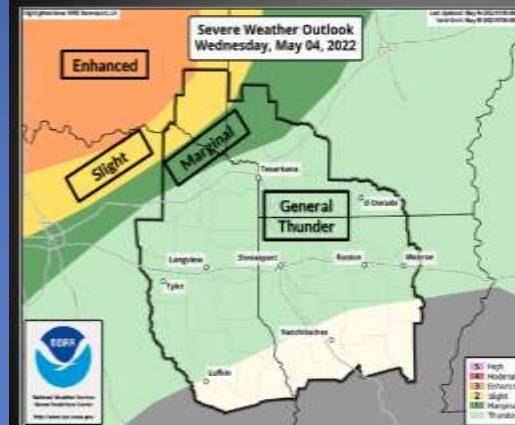
weather.gov/fortworth

Storm chances and the potential for severe weather returns to parts of North Texas through tonight, then spreads into Central and East Texas Thursday with the passage of a cold front. The primary hazards will be large hail, damaging winds, frequent lightning, and locally heavy rainfall. A tornado is possible through tonight closer to a warm front and Northwest Texas into the Red River, then with any discrete storms east of I-35 on Thursday.

## Severe Weather Risk - Tonight

Valid through Thu 7:00 AM CDT

Weather Forecast Office  
Shreveport, LA  
Issued May 4, 2022 4:54 AM CDT



NWSShreveport

Highest Risk: Slight Risk  
Timing: Tonight

Hazard	Impacts
Tornado Potential	Low
Damaging Winds	Up to 60 mph
Max. Hail Size	Quarter-sized (1")
Heavy Rain/Flooding	Low

weather.gov/shv

There is a Slight Risk for severe thunderstorms tonight for portions of extreme Northeast TX, Southeast OK, and adjacent sections of Western AR. Damaging winds, hail, and locally heavy rainfall which may lead to minor flooding will be possible in the stronger storms.



# Hazardous Weather



There is a Marginal (level 1 of 5) to Slight (level 2 of 5) risk of severe storms late this afternoon and evening near the Rio Grande and southern Edwards Plateau. If they do form and move across the above mentioned areas would likely be capable of producing large hail and damaging wind gusts. An isolated tornado is also possible.



There is a slight risk of severe storms this afternoon and evening, mainly over portions of the eastern Permian Basin and Lower Trans Pecos. Any severe storms that do develop may be accompanied by large hail, damaging winds, and an isolated tornado. Be situationally aware!



# Hazardous Weather

## Red Flag Warning

Until 9 PM CDT / 8 PM MDT / this evening

Weather Forecast Office  
Midland/Odessa, TX  
Issued May 4, 2022 4:51 AM CT



A Red Flag Warning is in effect through early this evening from Southeast New Mexico south to lower Brewster County.

## Severe Weather Outlook

This afternoon and evening

Weather Forecast Office  
Midland/Odessa, TX  
Issued May 4, 2022 7:43 AM CT



There is a slight risk of severe storms this afternoon and evening, mainly over portions of the eastern Permian Basin and Lower Trans Pecos. Any severe storms that do develop may be accompanied by large hail, damaging winds, and an isolated tornado. Be situationally aware!

# Hazardous Weather

## High Fire Danger Wednesday

Red Flag Warning

Weather Forecast Office  
El Paso, TX  
Issued May 03, 2022 11:23 AM MDT



### RED FLAG WARNING

From Noon to 7 PM Wednesday

Windy Conditions:  
West Winds 15 to 25 mph  
gusts up to 35 mph

Very Dry Air;  
Relative Humidity 5 to 15%

Rapid fire spread will be possible.  
Outdoor burning is not recommended.

Hazards

Red Flag  
Warning

Fire Weather  
Watch

**CRITICAL FIRE WEATHER CONDITIONS**



@NWSElPaso

weather.gov/ElPaso

Breezy west winds, dry air, and dangerously dry fuels will pose a high risk of new fire starts on Wednesday. A Red Flag Warning is in effect.

## Severe Weather Outlook

Severe Weather Chances for: Wednesday

Weather Forecast Office  
Lubbock, TX  
Issued May 04, 2022 3:26 AM CDT



Convective  
Outlook

General  
Thunder

Marginal Risk

Slight Risk

Enhanced Risk



Timing: Late afternoon into the evening

Winds

> 80 mph

70 – 80 mph

60 – 70 mph

50 – 60 mph

Hail Size

Up to Softball

Up to Baseball

Up to Golf Ball

Up to Quarter

Tornado Risk

Expected

Likely

Possible

Not Expected

NWSLubbock

weather.gov/lub

Strong to severe thunderstorms will return to the region Wednesday afternoon and evening as a dryline sets-up near the I-27/US 87 corridor. Storms will develop along the dryline and then move across the Rolling Plains and southeastern Texas Panhandle where all severe hazards will be possible.

# Weather Warnings/Advisories Issued

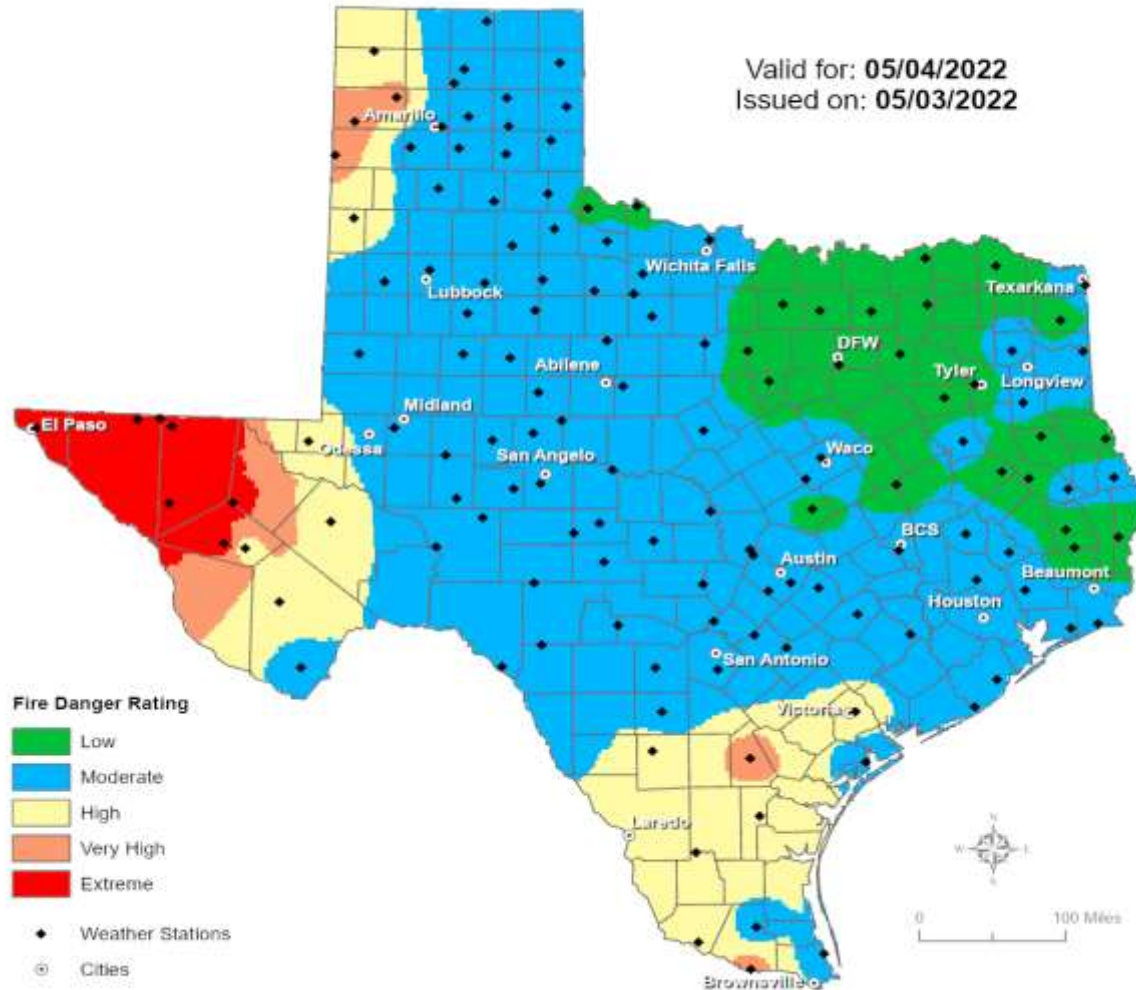
DATE	WARNING TYPE	LOCATION
05/03/22	Flood Warning	Hunt, Kaufman and Rockwall Counties
05/03/22	Flood Watch	Archer, Clay, Wichita and Wilbarger Counties
05/03/22	Severe Thunderstorm Warning	Llano County
05/03/22	Flood Advisory	Llano County



# Fire Danger Forecast

## Forecast Fire Danger

Valid for: **05/04/2022**  
Issued on: **05/03/2022**



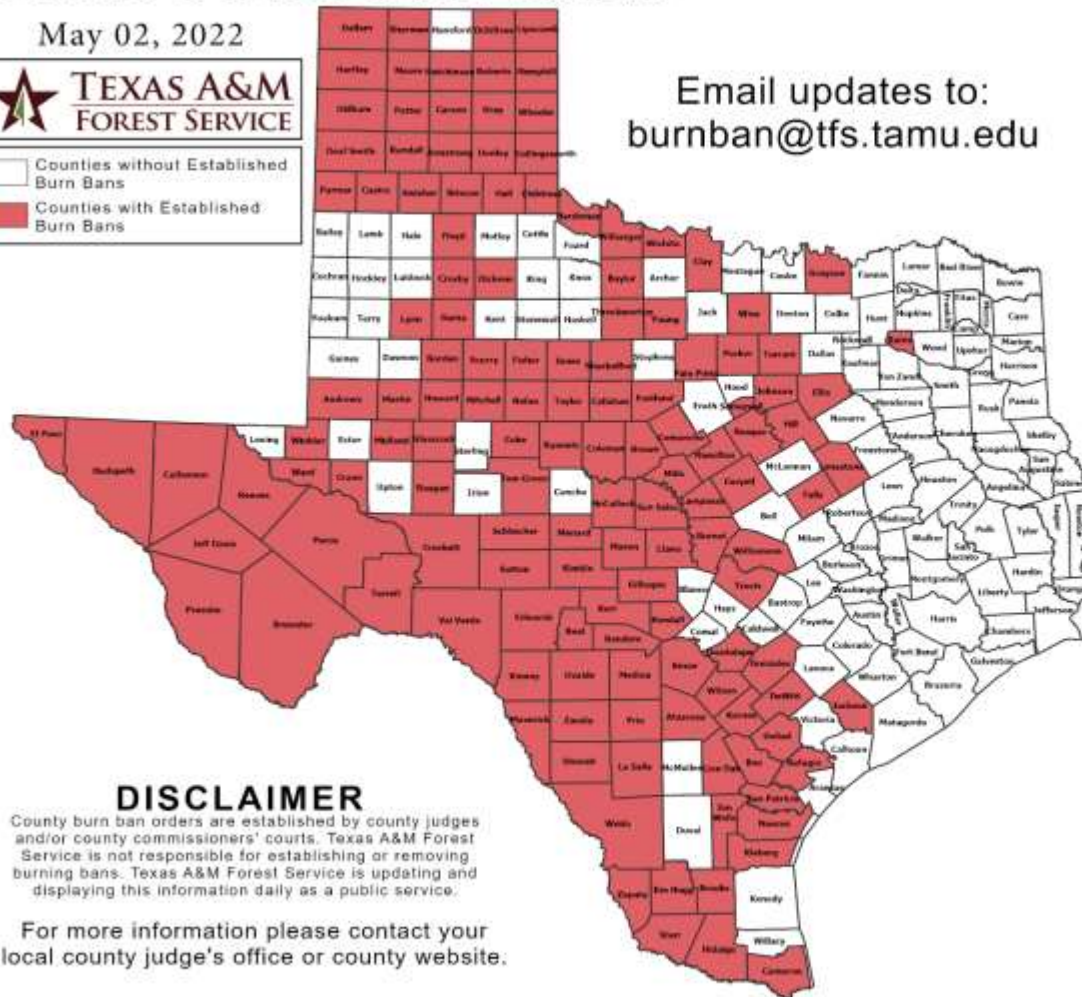
# Burn Ban

## OUTDOOR BURN BANS

May 02, 2022



Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)



### Counties with Burn Bans: 138

Andrews	Goliad	Ochiltree
Armstrong	Gonzales	Oldham
Atascosa	Gray	Palo Pinto
Bandera	Grayson	Parker
Baylor	Guadalupe	Parmer
Bee	Hall	Pecos
Bexar	Hamilton	Potter
Borden	Hardeman	Presidio
Bosque	Hartley	Rains
Brewster	Hemphill	Randall
Briscoe	Hidalgo	Reagan
Brooks	Hill	Real
Brown	Howard	Reeves
Burnet	Hudspeth	Refugio
Callahan	Hutchinson	Roberts
Cameron	Jackson	Runnels
Carson	Jeff Davis	San Patricio
Castro	Jim Hogg	San Saba
Childress	Jim Wells	Schleicher
Clay	Johnson	Scurry
Coke	Jones	Shackelford
Coleman	Karnes	Sherman
Collingsworth	Kendall	Somervell
Comanche	Kerr	Starr
Coryell	Kimble	Sutton
Crane	Kinney	Swisher
Crockett	Kleberg	Tarrant
Crosby	Lampasas	Taylor
Culberson	La Salle	Terrell
Dallam	Limestone	Throckmorton
Deaf Smith	Lipscomb	Tom Green
DeWitt	Live Oak	Travis
Dickens	Llano	Uvalde
Dimmit	Lynn	Val Verde
Donley	McCulloch	Ward
Eastland	Martin	Webb
Edwards	Mason	Wheeler
Ellis	Mayerick	Wichita
El Paso	Medina	Willbarger
Falls	Menard	Williamson
Fisher	Midland	Wilson
Floyd	Millis	Winkler
Frio	Mitchell	Wise
Garza	Moore	Young
Gillespie	Nolan	Zapata
		Zavala

### DISCLAIMER

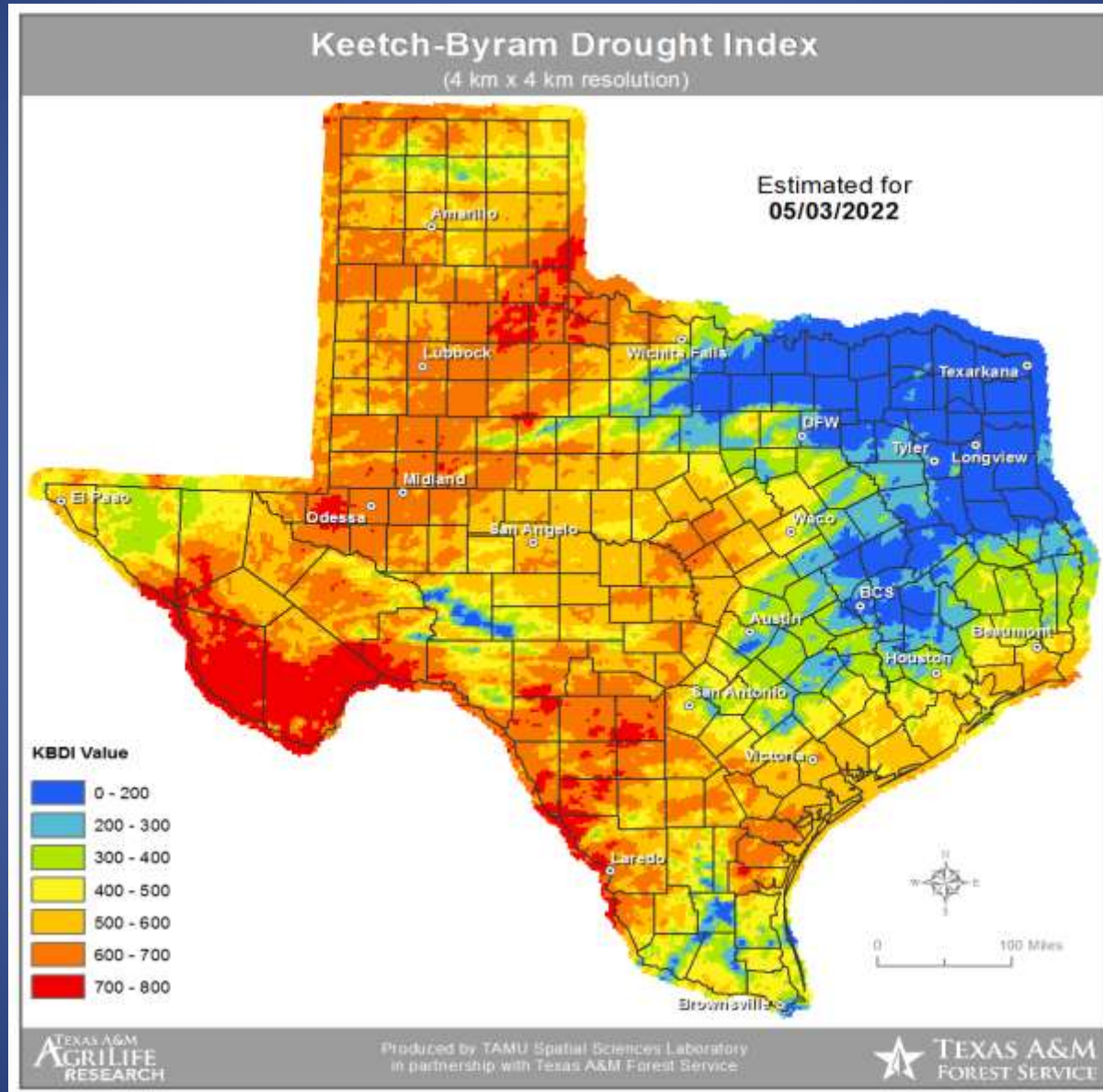
County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

**RED FLAG WARNINGS:** [www.weather.gov](http://www.weather.gov)  
Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>



# Keetch-Byram Drought Index



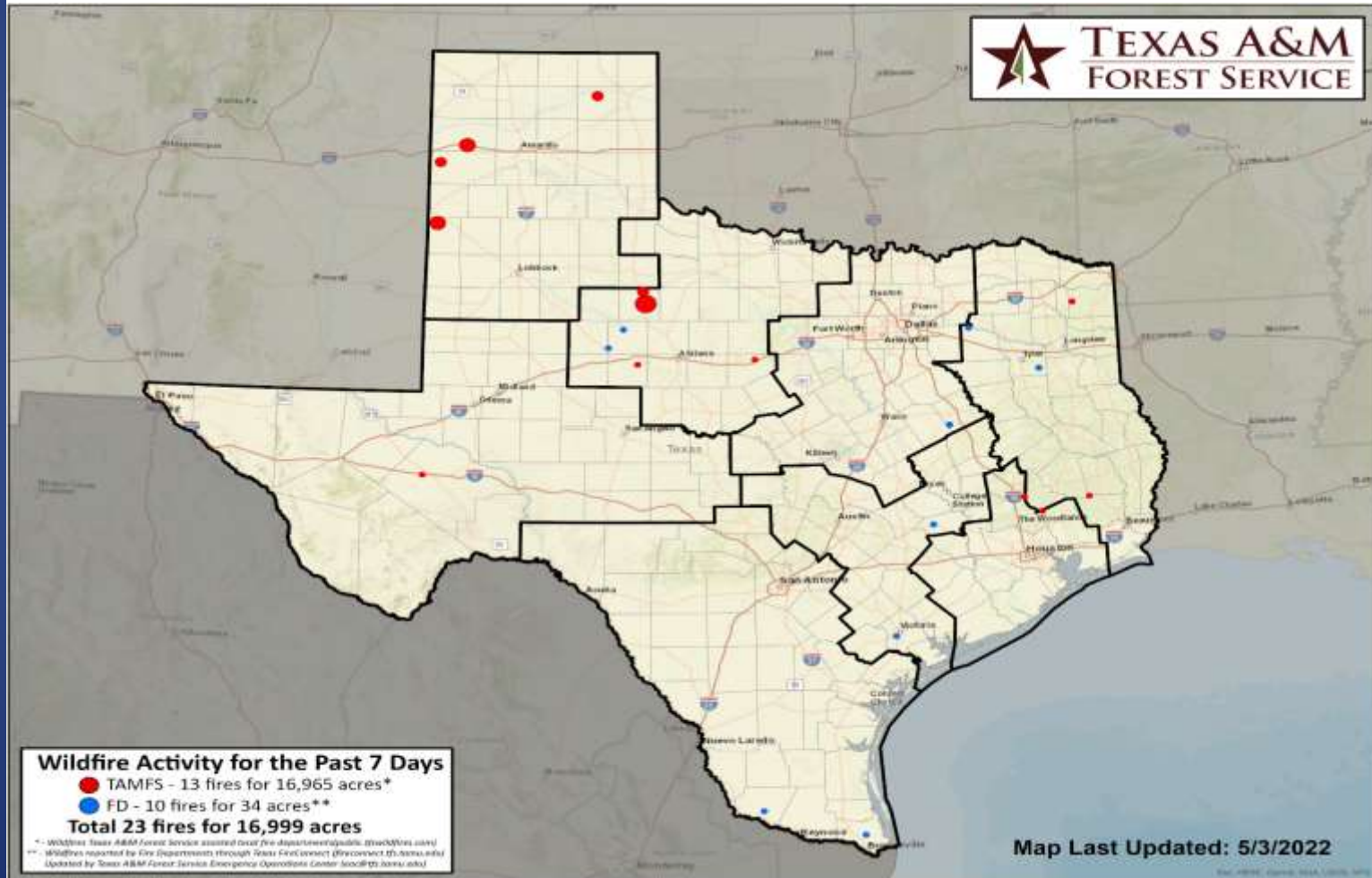


# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
05/03/22	Red Flag Warning	Culberson, Jeff Davis, Loving, Presidio and Reeves Counties
05/04/22	Fire Danger Statement	Bailey, Castro, Cochran and King Counties

# Fire Activity (\*Last 24 Hours)

Report of (+7) fires and 331,131 (13,031) acres have been destroyed this year. There are 138 (no change) counties with burn bans. The Keetch-Byram Drought Index list 167 (+2) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
04/04/22	07/11/22	Community Emergency Response Team (CERT) Course	G-317	San Marcos
05/02/22	05/06/22	NFPA 472 HazMat Transportation Specialist (Pro-Board Certification)	H-509	College Station
05/02/22	05/04/22	Intermediate Incident Command System for Expanding Incidents	G-300	Schertz
05/02/22	05/06/22	All-Hazards Incident Management Team	O-305	Beaumont
05/02/22	05/04/22	Intermediate Emergency Operations Center Functions	E/L/K/G-2300	Bryan
05/04/22	05/05/22	Recovery From Disaster: Local Community Roles	G-205	Grand Prairie



# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
05/03/22	05/05/22	FEMA / Virtual	Hurricane
05/03/22	05/04/22	DHS/Cybersecurity and Infrastructure Security Agency / Virtual	Dams Sector Information Sharing Drill
05/04/22	05/05/22	Coastal Bend Council of Governments/Robstown	2022 Coastal Bend Hurricane Conference
05/05/22	05/05/22	Coastal Bend Council of Governments/ TDEM/ Robstown	HURREX: Coastal Bend/Region 3 Annual Hurricane Exercise

# Statewide Significant Events

DATE		LOCATION	EVENT
05/02/22	05/05/22	Houston	OTC - Offshore Technology Conference
05/02/22	05/10/22	Houston	Concert – ColdPlay
05/04/22	05/04/22	Houston	MLB: 2022 Houston Astros